

Glossary of Acronyms and Terms

Acronyms

AC	alternating current
ACEC	area of critical environmental concern
ACHP	Advisory Council on Historic Preservation
APLIC	Avian Power Line Interaction Committee
AQRV	Air Quality Related Values
AVO	average vehicle occupancy
BA	Biological Assessment
BACT	Best Available Control Technology
BFP	boiler feed pump
bgs	below the ground surface
BLM	U.S. Bureau of Land Management
BMP	best management practice
BNSF	Burlington Northern Santa Fe
BPA	Bonneville Power Administration
C	cropland
CAA	Clean Air Act
CG	cropland and grazing
CEC	California Energy Commission
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CFR	<i>Code of Federal Regulations</i>
CMP	corrugated metal pipe
CO	carbon monoxide
COB	California-Oregon Border
CRB	Columbia River Basalt
CRMP	cultural resources management plan
CRMMP	cultural resources mitigation monitoring plan
CSZ	Cascadia Subduction Zone
CTG	combustion turbine generator
CWP	circulating water pump
dB	decibel
dBA	decibel (A-weighted)
DEM	digital elevation map
DLN	dry, low-NO _x
DOE	U.S. Department of Energy
dS/m	deciSiemen per meter

E	state or Federal endangered species
EC	electrical conductivity
EDNA	Environmental Designation for Noise Abatement
EDTA	ethylene diamine triacetic acid
EFSC	Energy Facility Siting Council
EFU	exclusive farm use
EIS	environmental impact statement
EMF	electric and magnetic field
EMS	emergency medical service
EPA	U.S. Environmental Protection Agency
ESA	Endangered Species Act
F	forestry
FAA	Federal Aviation Administration
FCRTS	Federal Columbia River Transmission System
FEMA	Federal Emergency Management Agency
FFPA	Federal Farmland Protection Act
FLM	Federal land manager
FR	forestry range
g	acceleration
g/ha/yr	grams per hectare per year
GE	General Electric
GIS	geographic information system
gpd	gallons per day
gpm	gallons per minute
GSUT	generator step-up transformer
HAP	hazardous air pollutant
HDPE	high-density polyethylene
hp	horsepower
HRSG	heat recovery steam generator
HVAC	heating, ventilation, and air conditioning
HVS	high-value soil
IL	light industrial
ISCST3	Industrial Source Complex Short Term
JARPA	Joint Aquatic Resources Permit Application
KCCP	Klamath County Comprehensive Plan
KCP	Klamath Cogeneration Project
kV	kilovolt
kV/m	kilovolt per meter
kW	kilowatt
kW-hr	kilowatt per hour

L _{eq}	equivalent sound pressure level
LDC	Land Development Code
LOLP	Loss of Load Probability
LOS	level of service
m	meter
MACT	Maximum Achievable Control Technology
m _{eq} /L	milliequivalents per liter
met	meteorological
mG	milligauss
MG	million gallons
mgd	million gallons per day
mm	millimeter
MM	Modified Mercalli
mph	miles per hour
MSDS	material safety data sheet
MW	megawatt
N/A	not available
NA	not applicable
NAAQS	National Ambient Air Quality Standards
NAGPRA	Native American Graves Protection and Repatriation Act
NEPA	National Environmental Policy Act , the
NESHAP	National Emission Standards for Hazardous Air Pollutants
NFPA	National Fire Protection Agency
NH ₃	ammonia
NHPA	National Historic Preservation Act
NO ₂	nitrogen dioxide
NOAA	National Oceanic and Atmospheric Administration
NOI	Notice of Intent
NPDES	National Pollutant Discharge Elimination System
NPS	National Park Service
NRCS	Natural Resource Conservation Service
NRHP	National Register of Historic Places
NWI	National Wetland Inventory
NWPPC	Northwest Power Planning Council
O&M	operations and maintenance
OAR	Oregon Administrative Rule
ODA	Oregon Department of Agricultural
ODEQ	Oregon Department of Environmental Quality
ODFW	Oregon Department of Fish and Wildlife
ODOT	Oregon Department of Transportation
OR	Oregon Route
OSP	Oregon State Police
OSSC	Oregon Structural Specialty Code

PAH	polycyclic aromatic hydrocarbon
PCB	polychlorinated biphenyl
PERC	Peoples Energy Resource Corporation
PG&E GTN	PG&E Gas Transmission Northwest
PGA	peak ground acceleration
PHS	Priority Habitats and Species
PL	Public Law
PNW/PSW	Pacific Northwest/Pacific Southwest
ppmvd	parts per million, by volume, dry
PSD	Prevention of Significant Deterioration
psig	pounds per square inch, gauge
RCP	reinforced concrete pipe
RFPD	Rural Fire Protection District
RNA	raptor nesting area
ROD	Record of Decision
RV	recreational vehicle
S	state sensitive plant species
SAR	sodium adsorption rate
SARA	Superfund Amendments and Reauthorization Act
SCR	selective catalytic reduction
SCS	Soil Conservation Service
SEPA	State Environmental Policy Act
SHPO	State Historic Preservation Office
SMA	Shoreline Management Act
SoC	Federal Species of Concern
SPL	sound pressure level
SR	State Route
SRO	Significant Resource Overlay
STG	steam turbine generator
SWPCP	Stormwater Pollution Control Plan
T	state or Federal threatened species
TAP	toxic air pollutant
TCP	traditional cultural property
TMDL	total maximum daily load
UBC	<i>Uniform Building Code</i>
UGB	urban growth boundary
UHC	unburned hydrocarbons
USC	<i>U.S. Code</i>
USDA	U.S. Department of Agriculture
USFS	U.S. Forest Service
USFWS	U.S. Fish and Wildlife Service
USGS	U.S. Geological Survey

V/m	volts per meter
VOC	volatile organic compound
WECC	Western Electric Coordinating Council

Terms

Aquifer	Water-bearing rock or sediment below the surface of the earth
Best Management Practice (BMP)	A practice or a combination of practices that are the most effective and practical means of preventing or reducing the amount of pollution generated by nonpoint sources to a level compatible with water quality goals
Candidate species (Federal or state)	Those species being considered by the U.S. Fish and Wildlife Service or Oregon Department of Fish and Wildlife for possible addition to the list of endangered and threatened species
Cumulative impacts	Created by the incremental effect of an action when added to other past, present, and reasonably foreseeable future actions
Clean Water Act (CWA)	A Federal law intended to restore and maintain the chemical, physical, and biological integrity of the nation's waters and secure water quality
Decibel (dB)	A measure of sound intensity, defined as 10 times the logarithm of the ratio of two sound pressures squared
Electric and magnetic field (EMF)	A force field associated with electric charge in motion. It has both electric and magnetic components and contains a specific amount of electromagnetic energy.
Endangered species (Federal or state)	Those species officially designated by the U.S. Fish and Wildlife Service, Washington Department of Fish and Wildlife, or Washington Department of Natural Resources as being in danger of extinction throughout all or a significant portion of their range
Energy Facility	The power generation equipment and systems, stormwater infiltration basin, evaporation pond alternative, and laydown and storage area
Energy Facility Site	The approximately 50.6-acre tract of land on which the Energy Facility would reside
Facility	The Energy Facility site and related or supporting facilities (electric transmission line, natural gas pipeline, and water supply pipeline and well system)
Habitat	The environment in which an organism or biological population usually lives or grows
Kilovolt (kV)	A unit of electric potential and electromotive force, equal to one thousand volts
Listed species	Any species of fish, wildlife, or plant which has been determined to be endangered or threatened under section 4 of the Endangered Species Act

Megawatt (MW)	A unit of power, equal to one million watts
Mitigation	The step(s) taken to lessen the potential environmental effects predicted for each resource impacted by the project. Mitigation may reduce the impact, avoid it completely, or compensate for the impact.
PM₁₀	Particulate matter smaller than 10 microns; airborne dust created by disturbance of soil on unpaved roads, construction sites, and tilled land
Proposed action (for BPA)	COB Energy Facility, LLC, proposes to build and operate a natural gas-fired, air-cooled, combined-cycle electric power generation plant near Bonanza, Oregon. Electric power from the proposed plant would enter the regional grid at BPA's Captain Jack Substation.
Right-of-way	An easement for a certain purpose over the land of another owner, such as a strip of land used for a road, electric transmission line, or pipeline
Shrub-steppe habitat	Habitat composed of various shrubs and grasses such as sagebrush, rabbitbrush, annual grasses, bluegrass, and wheatgrass
Species of Concern (Federal)	Those species for which insufficient data have been gathered, but that show a decline in population
Staging areas	Areas set up near construction sites to temporarily store equipment and materials during construction
Threatened species (Federal or state)	Those species officially designated by the U.S. Fish and Wildlife Service or Oregon Department of Fish and Wildlife as likely to become endangered within the foreseeable future throughout all or a significant portion of their range
Topography	The physical shape of the land
Transmission lines	Includes the structures, insulators, conductors, and other equipment used to transmit electrical power from one point to another
Waters of the U.S.	A regulatory term defined in 33 CFR 328.3 to include waters such as lakes, rivers, streams (including intermittent creeks and tributaries), wetlands, sloughs, or natural ponds under the jurisdiction of the U.S. Army Corps of Engineers
Wetlands	Areas where the soil experiences anaerobic conditions because of inundation of water during the growing season. Indicators of a wetland include types of plants, soil characteristics, and hydrology of the area.